

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 02/05664

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B25J9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B25J G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BERGAMASCO M ET AL: "An arm exoskeleton system for teleoperation and virtual environments applications" ROBOTICS AND AUTOMATION, 1994. PROCEEDINGS., 1994 IEEE INTERNATIONAL CONFERENCE ON SAN DIEGO, CA, USA 8-13 MAY 1994, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, 8 May 1994 (1994-05-08), pages 1449-1454, XP010097703 ISBN: 0-8186-5330-2 abstract; figures 1,2 page 1450, column 2 -page 1451, column 2	1-4,7-10
Y A	---	5,6,13 11,12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

14 August 2003

Date of mailing of the international search report

01/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Lumineau, S

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 301 526 B1 (LEE CHONG WON ET AL) 9 October 2001 (2001-10-09) abstract; figure 1 column 4, line 1 - line 7	5
Y	ROSEN J ET AL: "A myosignal-based powered exoskeleton system" IEEE TRANSACTIONS ON SYSTEMS, MAN & CYBERNETICS, PART A (SYSTEMS & HUMANS), MAY 2001, IEEE, USA, vol. 31, no. 3, pages 210-222, XP002251397 ISSN: 1083-4427 page 213, column 1, line 3 - line 16 figures 1A,1B,1C	6,13
A		12
A	ROBERT L. WILLIAMS II, MARK A. MURPHY: "Kinesthetic force/moment feedback via active exoskeleton" 1998 IMAGE CONFERENCE, 'Online! 2 - 7 August 1998, XP002251398 Scottsdale, Arizona Retrieved from the Internet: <URL:http://www.ent.ohiou.edu/{bobw/PDF/Image98.pdf}> 'retrieved on 2003-08-14! abstract; figures 3,5	1-13
A	US 4 883 400 A (KUBAN DANIEL P ET AL) 28 November 1989 (1989-11-28) abstract; figures 3,7,8,10	1

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Information Application No
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6301526	B1	09-10-2001 KR 2000060115 A JP 2000263479 A	16-10-2000 26-09-2000
US 4883400	A	28-11-1989 NONE	